

KITUI COUNTY MOCK

232/3
PHYSICS
PAPER 3
PRACTICAL
JULY

END OF TERM II FORM FOUR EXAMINATION, 2017 **Kenya Certificate of Secondary Education (K.C.S.E)**

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PHYSICS
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CONFIDENTIAL

INSTRUCTIONS TO SCHOOLS

1. The information contained in this paper is to enable the head of school and the teacher in charge of Physics to make adequate preparations for this year's Physics practical examination. **NO ONE ELSE** should have access to this paper or acquire knowledge of its contents. Great care **MUST** be taken to ensure that the information herein does not reach the candidates either directly or indirectly.
2. The Physics teacher is Not expected to perform the experiments.
3. The apparatus required by each candidate for the Physics practical examination are set out on page 2.
It is expected that the ordinary apparatus of a Physics laboratory will be available.
The Physics teacher should note that it is his/ her responsibility to ensure that each apparatus acquired for this examination agrees with the specification on pages 2.
4. The question paper will NOT be opened in advance.

QUESTION 1

Each candidate to be provided with

- A pendulum bob with a piece of thread (70cm long) attached
- Two pieces of wooden block
- A clamp, boss and retort stand
- A metre rule
- Half metre rule attached to a wooden block
- Cellotape about 15cm long
- A stop watch

QUESTION 2

Part A

- A Nichrome wire, 1m long, mounted on mm scale and labelled PQ at the ends
- A Nichrome wire of length 15cm labelled X
- A 10 ohm resistor labelled Y
- Two dry cells (New – size D)
- A switch
- A voltmeter (0 – 2.5V or any other range)
- 8 connecting wires (4 with crocodile clips)

Part B

- Five optical pins and four office pins
- A plain white A4 piece of paper
- Soft board
- Glass slab